App No.: Title:

Inventor:

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Method and Apparatus for an Incremental Update of A

Longest Prefix Match Lookup Table

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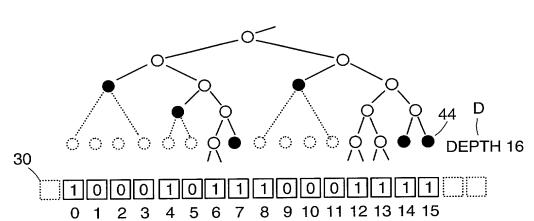


FIG. 1A **PRIOR ART** 

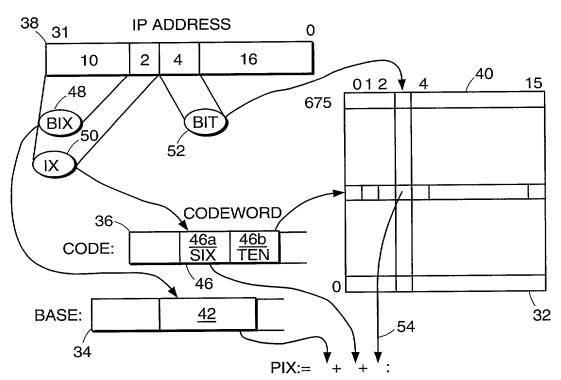


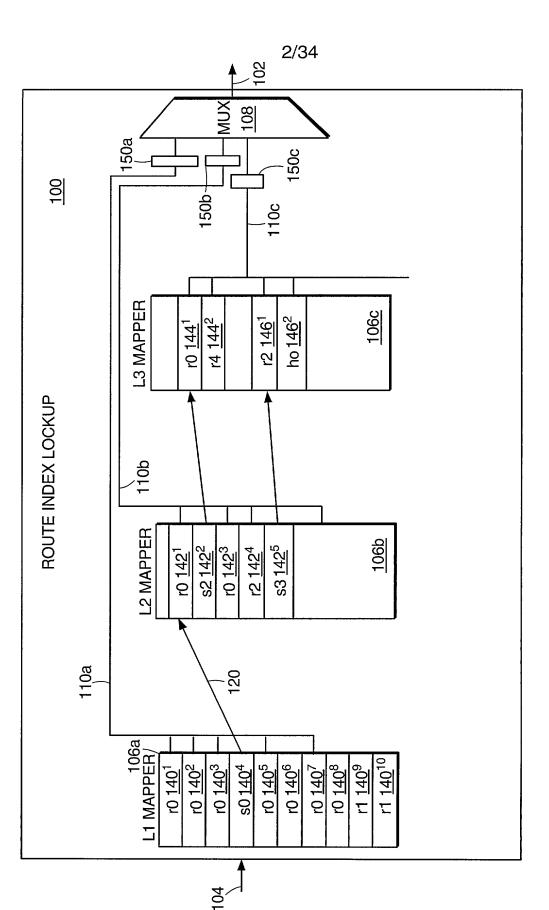
FIG. 1B **PRIOR ART** 

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Method and Apparatus for an Incremental Update of A

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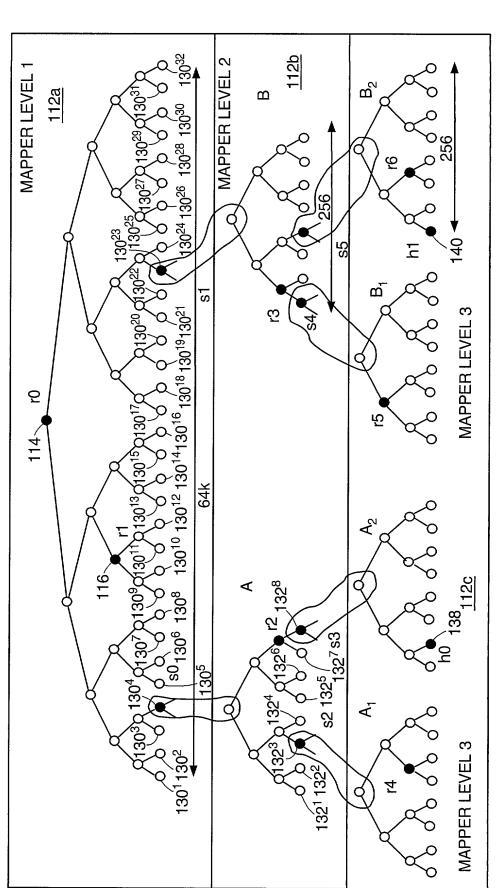
Inventor:



: 09/733,629

Method and Apparatus for an Incremental Update of A Longest Prefix Match Lookup Table
: David A. Brown

Inventor:



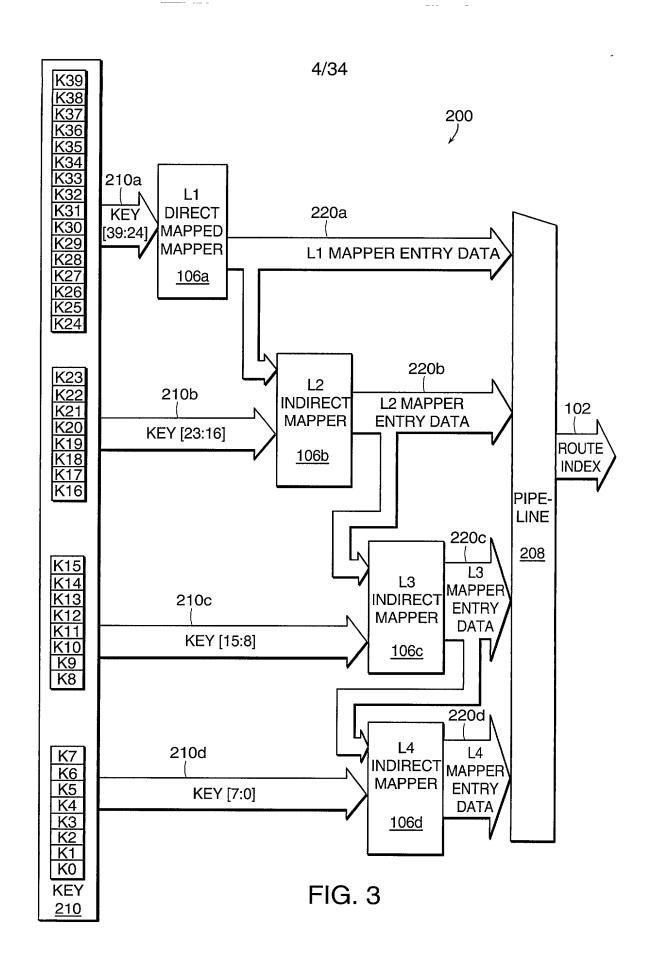
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Inventor:



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Inventor: David A. Brown

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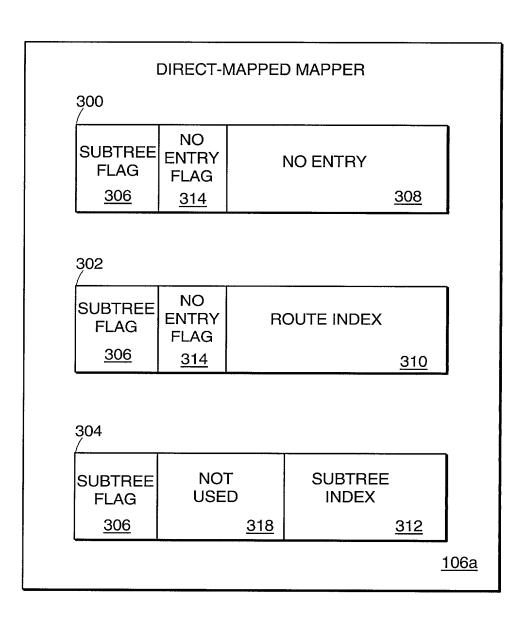


FIG. 4

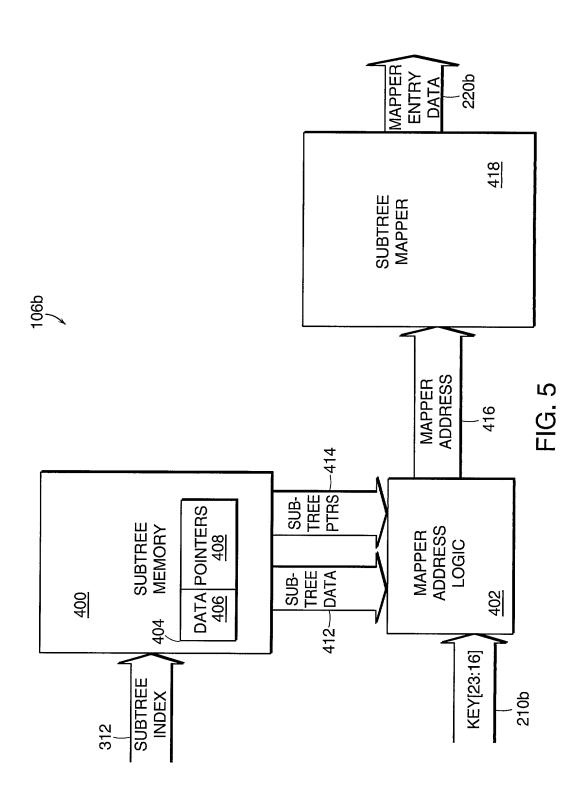
: 09/733,629

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Longest Prefix Match Lookup Table

Inventor: David A. Brown

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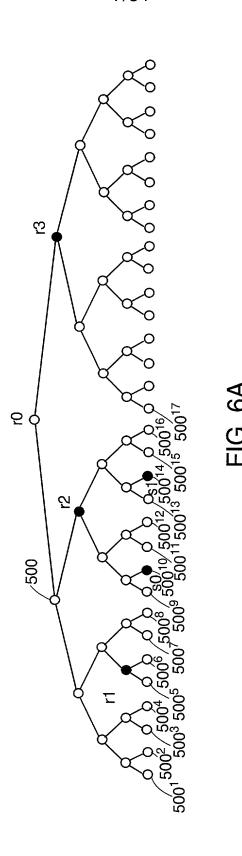


:: 09/733,629

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:: David A. Brown

Inventor:

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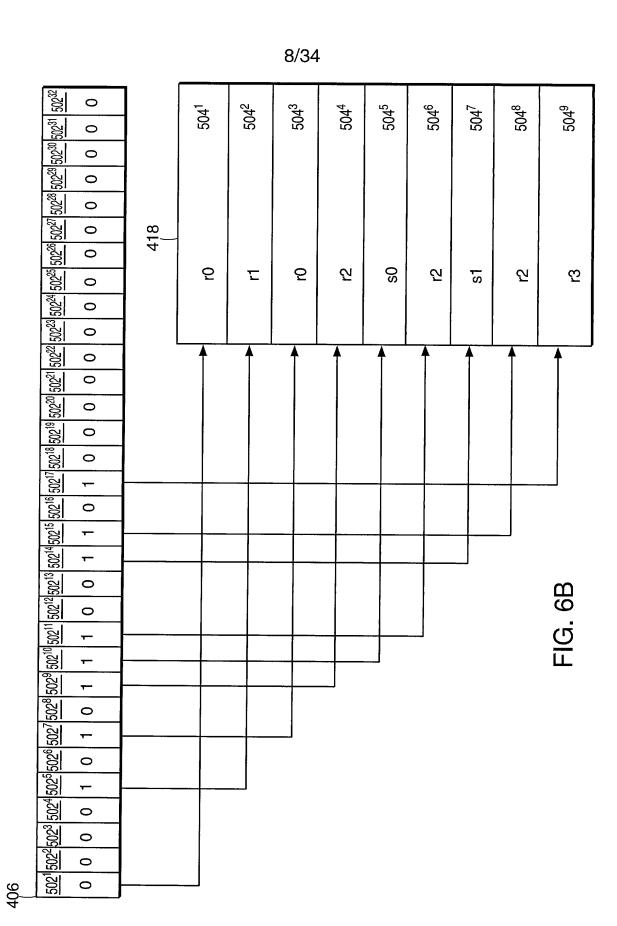


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Inventor:



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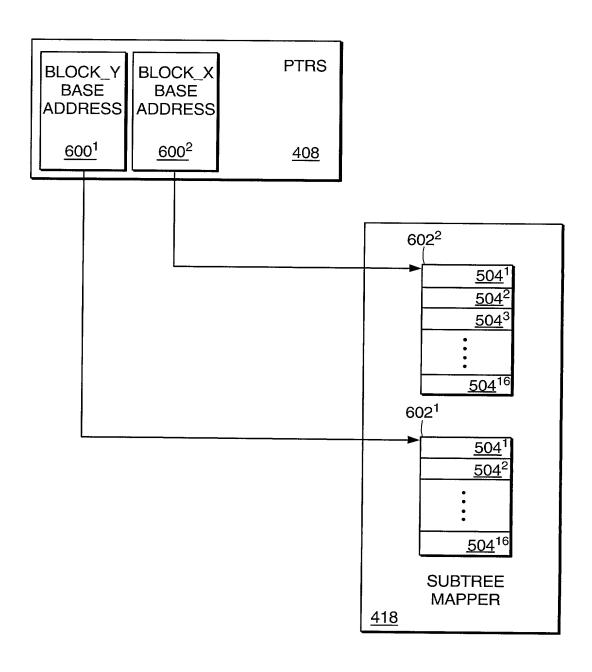
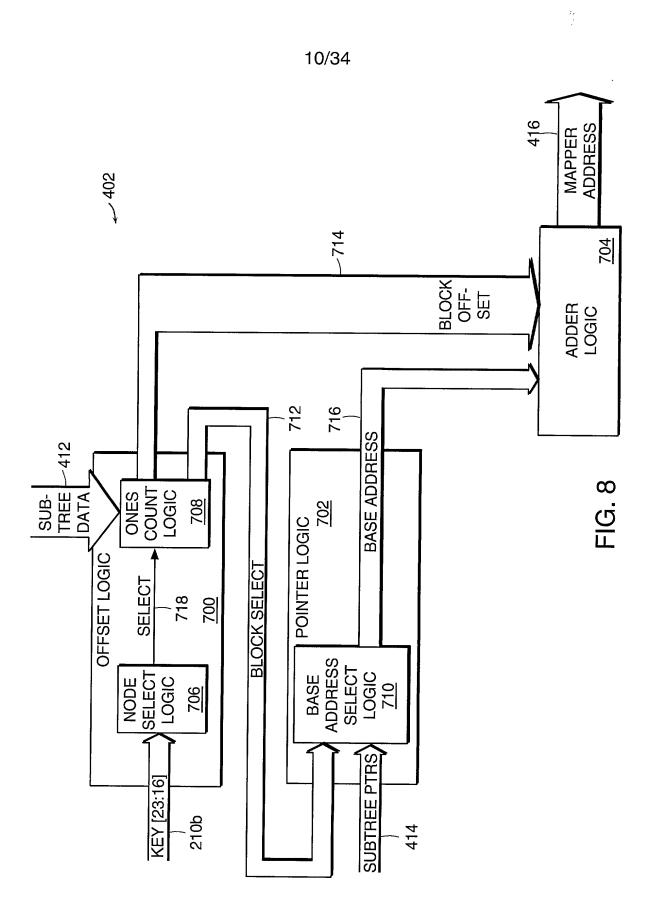


FIG. 7

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Inventor:



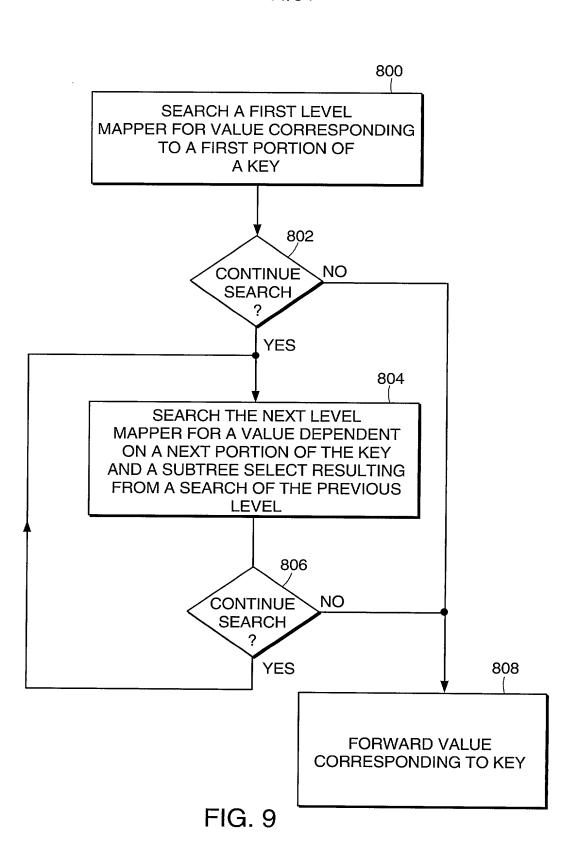
App No.: 09/733,629

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Longest Prefix Match Lookup Table

Inventor:

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Inventor:

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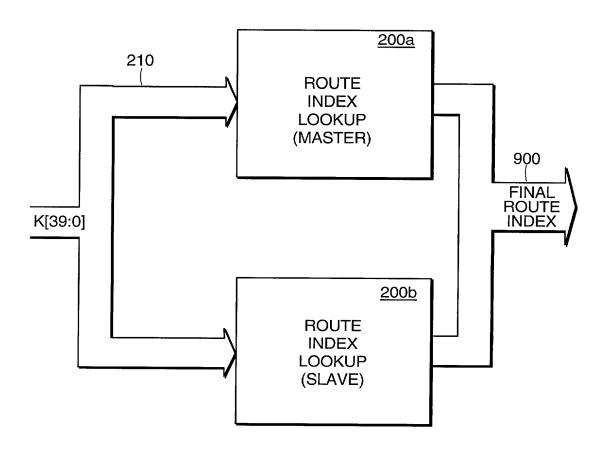


FIG. 10A

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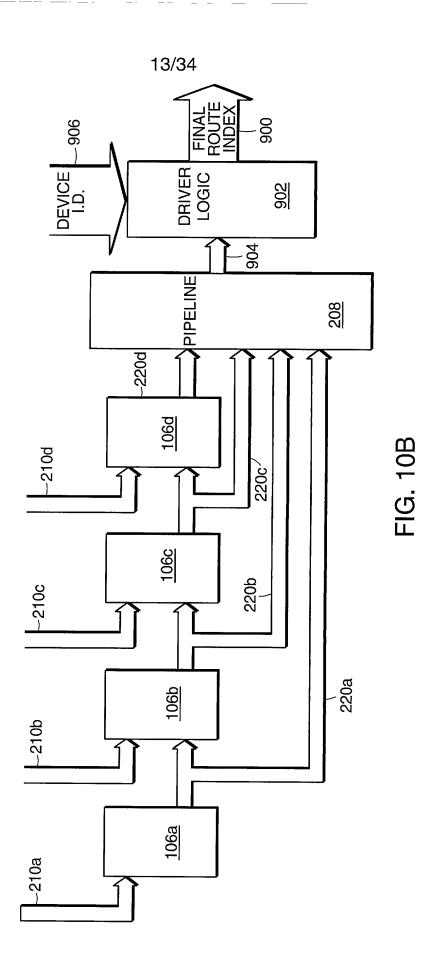
Method and Apparatus for an Incremental Update of A

Longest Prefix Match Lookup Table

: David A. Brown

Inventor:

200a /



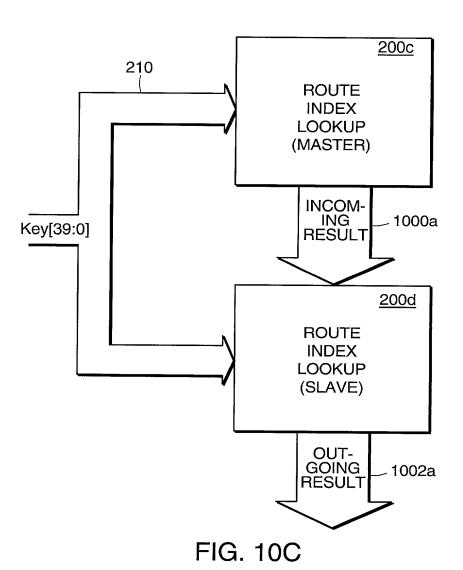
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Inventor:

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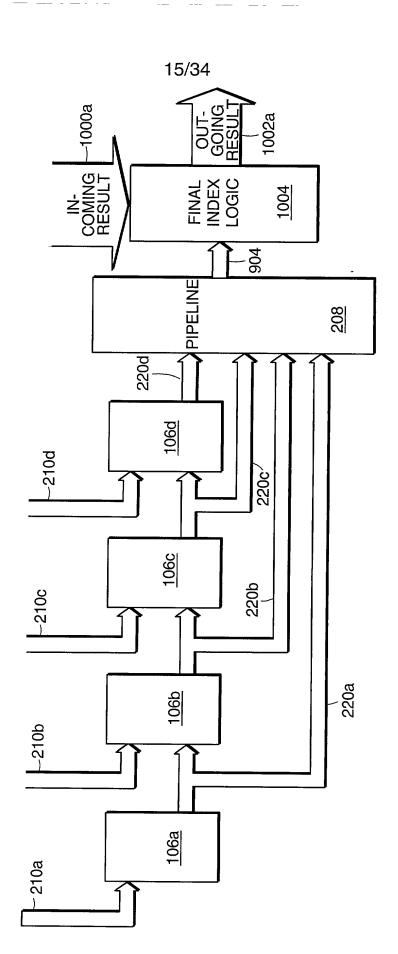
Method and Apparatus for an Incremental Update of A

Longest Prefix Match Lookup Table

: David A. Brown

Inventor:

200d



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: David A. Brown

Inventor:

MASTER MAPPER LEVEL 2 MASTER MAPPER LEVEL 3 MASTER MAPPER LEVEL 5 Ą 1102a 1102b 1102c

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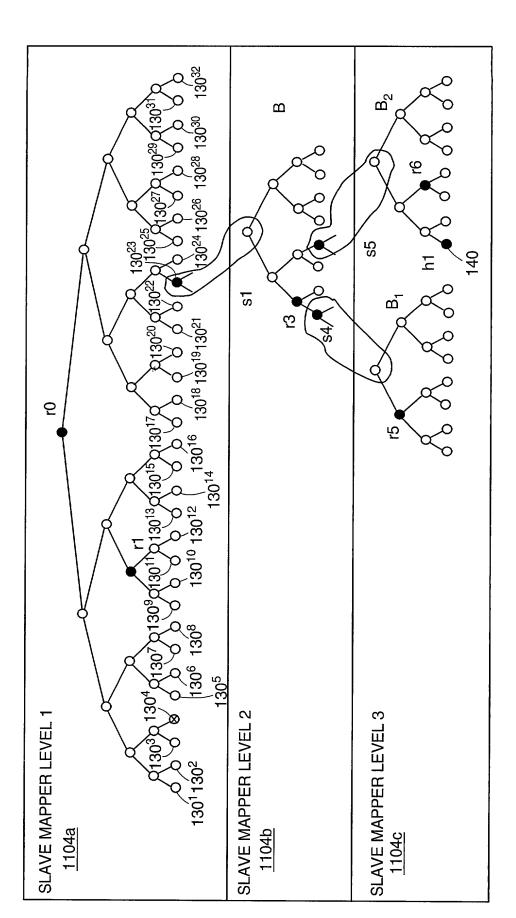
FIG. 11A

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FIG. 11B

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Longest Prefix Match Lookup Table

Inventor: David A. Brown

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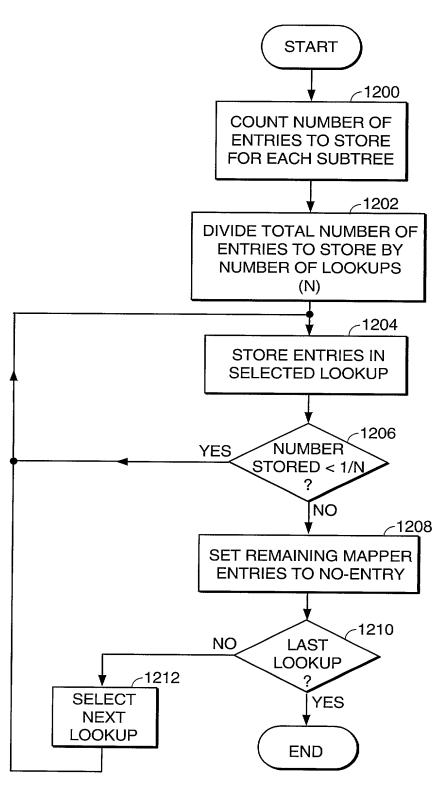


FIG. 12

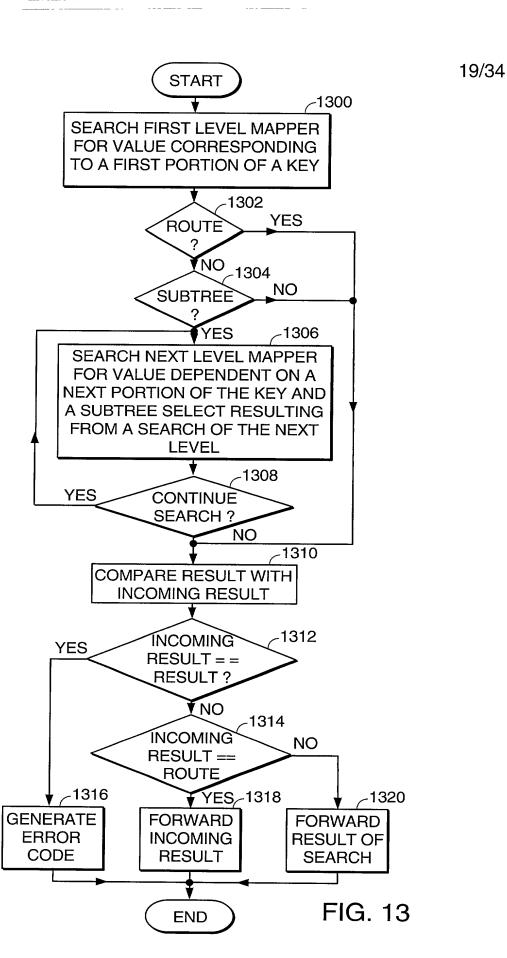
App No.: 09/733,629

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Inventor:

Title:



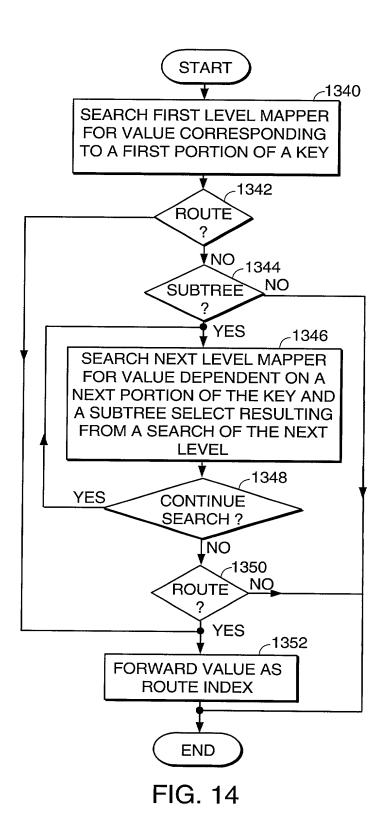
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Inventor:

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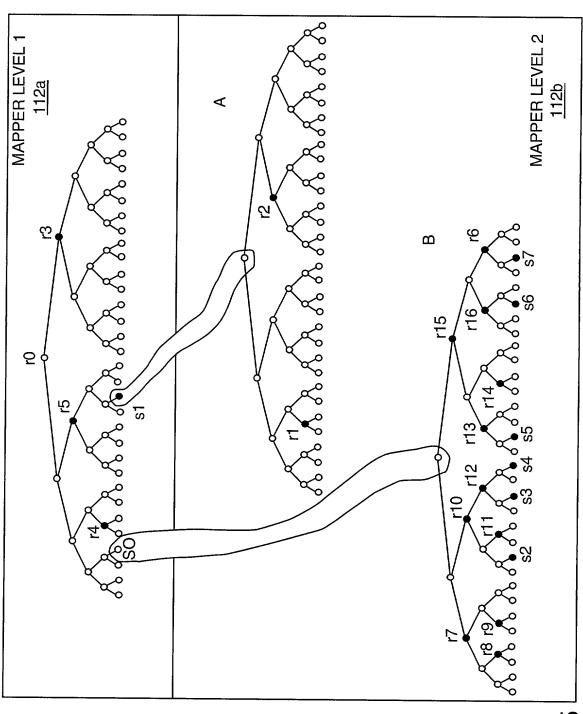


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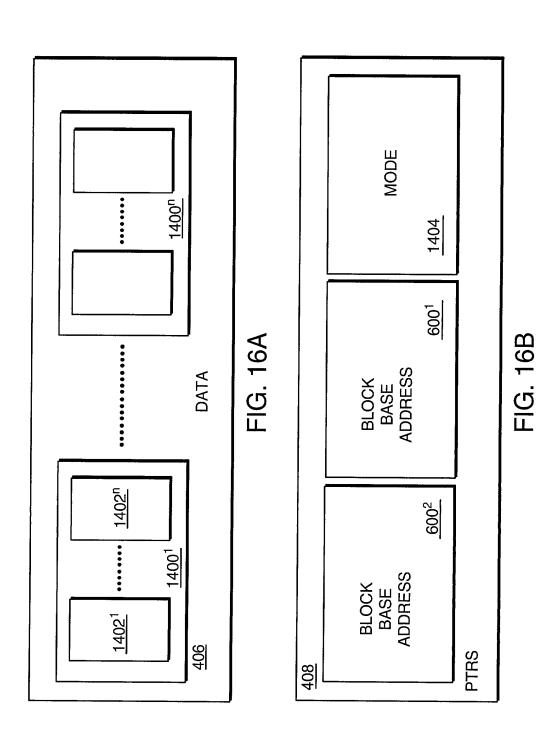


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Inventor:

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30	04 318			
	SUBTREE FLAG	TYPE	SPARSE SUBTREE DESCRIPTOR SELECT	SUBTREE INDEX
	<u>306</u>	<u>1406</u>	<u>1408</u>	<u>312</u>

FIG. 16C

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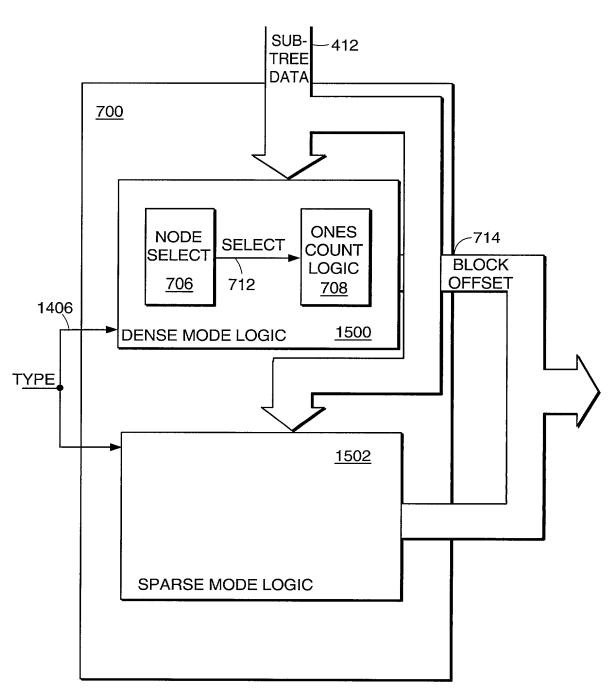


FIG. 17

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Longest Prefix Match Lookup Table

Inventor:

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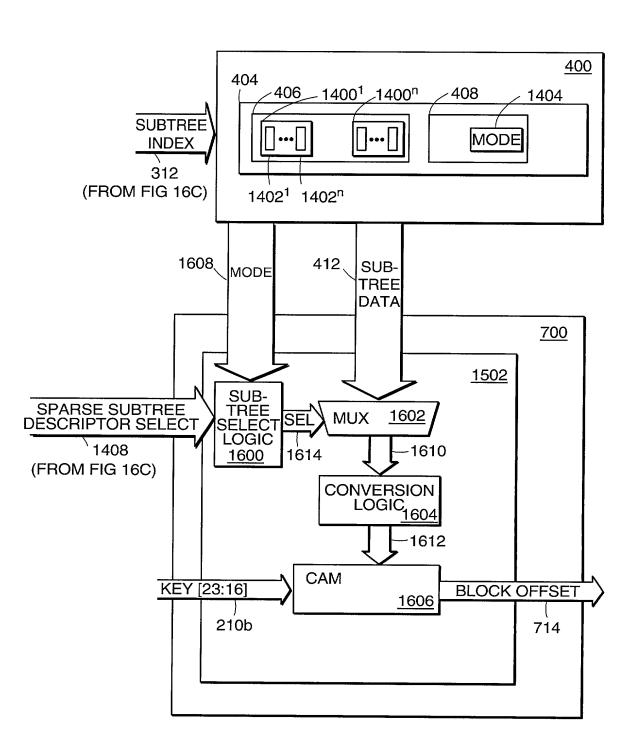


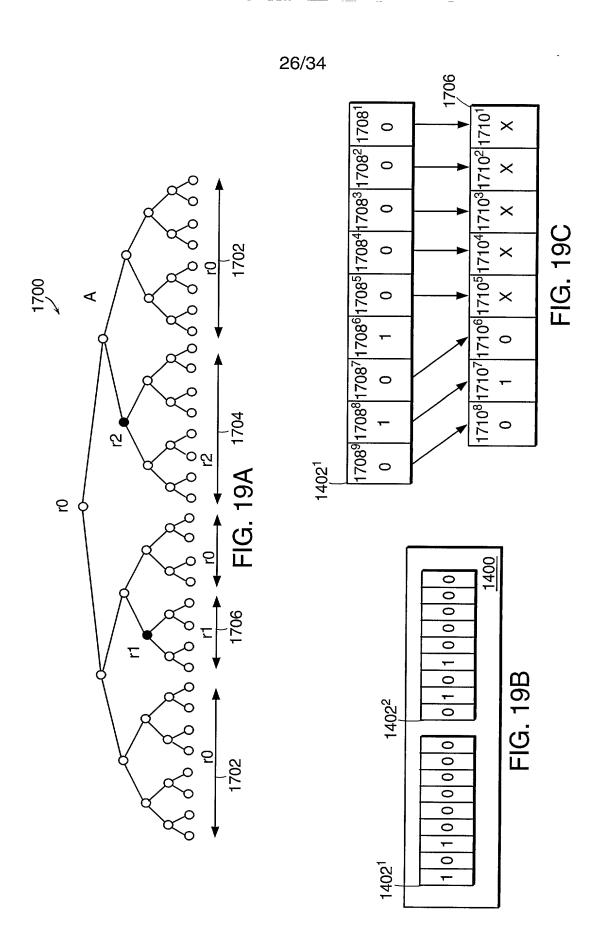
FIG. 18

App No.: Title:

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Inventor: David A. Brown

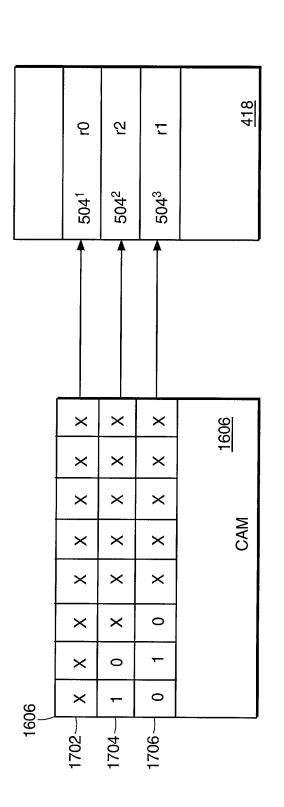


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David A. Brown Inventor:

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Inventor:

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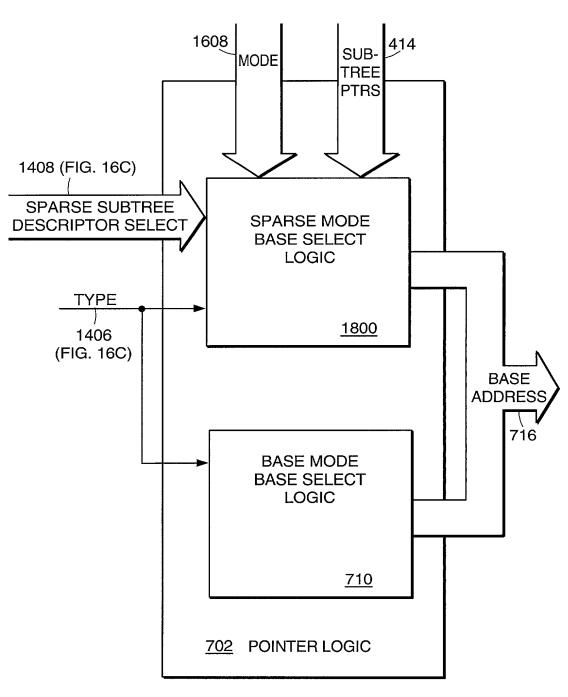


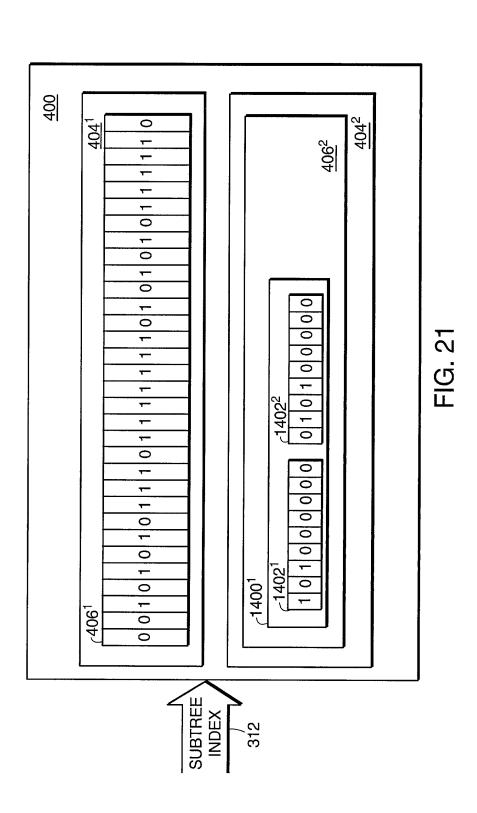
FIG. 20

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Longest Prefix Match Lookup Table

Inventor:

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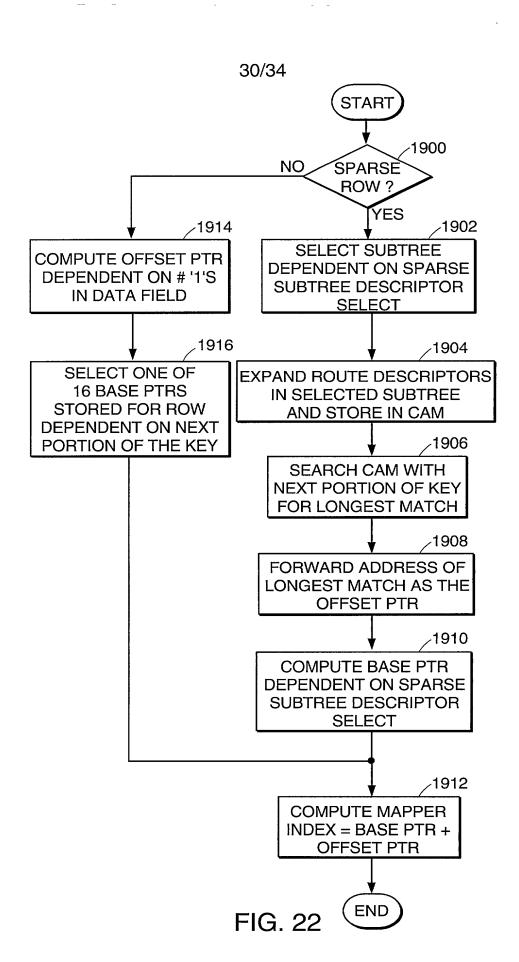


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e: Method and Apparatus for an Incremental Update of A

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Inventor:



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Longest Prefix Match Lookup Table

: David A. Brown

Inventor:

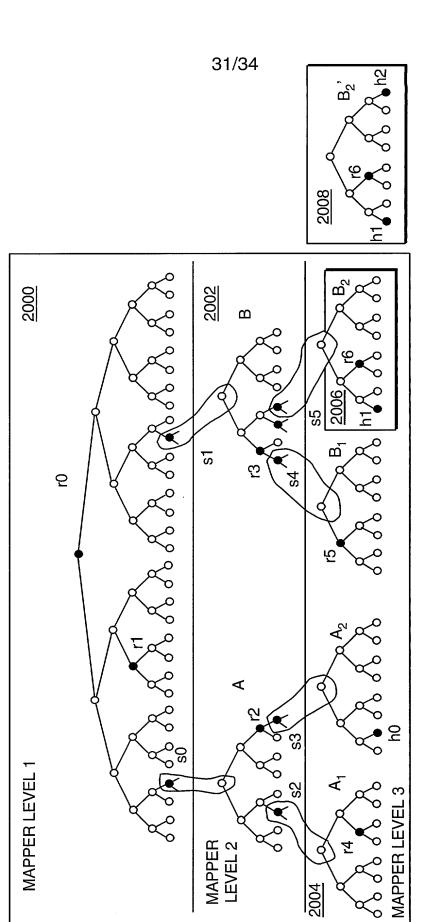


FIG. 23

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Inventor:

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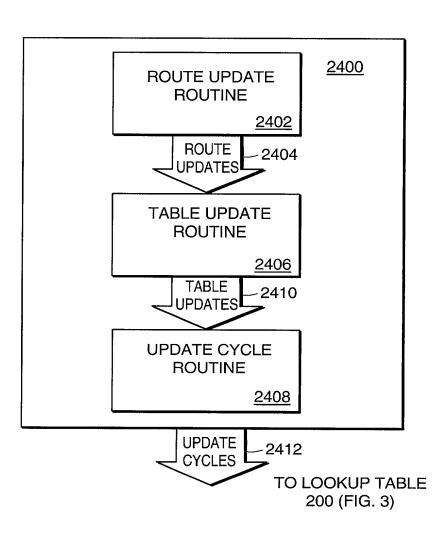


FIG. 24

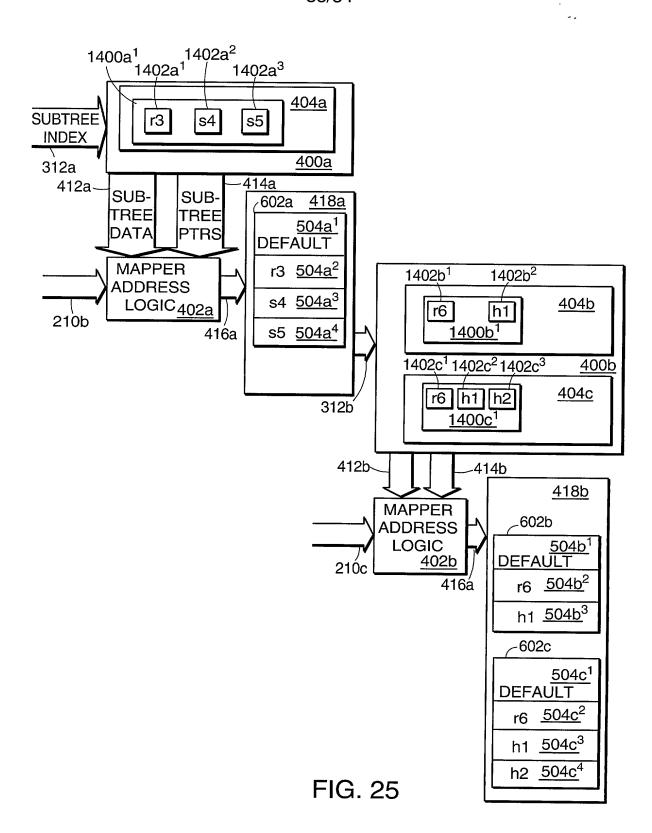
App No.: 09/733,629

Title: Method and Apparatus for an Incremental Update of A

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Longest Prefix Match Lookup Table

Inventor: David A. Brown

